

CLAIMS

What is claimed is:

1. A system that facilitates management of a build process, comprising:
a build process that processes one or more build entities; and
a policy component that is processed by the build process to determine one or more levels of trust within which the build process operates.
2. The system of claim 1, the levels of trust include levels that are representative of trusted, semi-trusted, and untrusted.
3. The system of claim 1, the policy component includes one or more policy files that are processed by the build process.
4. The system of claim 1, the policy component includes one or more policy files that are processed by the build process before the one or more build entities are built.
5. The system of claim 1, the one or more entities include at least one of a project, a task, a logger, and operating system (OS) account information.
6. The system of claim 1, at least one of the one or more build entities are each associated with the one or more of the levels of trust, which associations are defined in the policy component via at least one of a user-definable policy file and a default policy file, at least one or both of which are processed to determine the level of trust for the build process.
7. A computer readable medium having stored thereon computer executable instructions for carrying out the system of claim 1.
8. A computer that employs the system of claim 1.

9. A server that employs the system of claim 1.
10. The system of claim 1, the entity is received at least by one of downloading from a website, as part of an e-mail, and a version control system.
11. A system that facilitates management of a build process, comprising:
a build process that processes one or more build entities; and
one or more policy files that are processed by the build process to
determine a permission level within which the build process operates.
12. The system of claim 11, the permission level is based on a level of trust associated with a corresponding entity of the one or more entities.
13. The system of claim 11, the one or more policy files are all processed against the one or more build entities before the build process builds the one or more build entities.
14. The system of claim 11, the one or more policy files each include an association of an entity with at least one level of trust.
15. The system of claim 11, the one or more entities include at least one of a project, a task, a logger, and operating system (OS) account information.
16. The system of claim 11, the build process fails to build the one or more build entities when the permission level is representative of untrusted.
17. The system of claim 11, the build process operates at the permission level that is a lowest level of trust associated with the one or more build entities.
18. The system of claim 11, the one or more policy files are written in XML.

19. The system of claim 11, the one or more policy files are adjusted automatically according to one or more parameters.

20. A computer-readable medium having computer-executable instructions for performing a method for managing a build process, the method comprising:
receiving a build process for building one or more build entities;
associating at least one of the one or more build entities with a level of trust; and
performing the build process at the level of trust.

21. The method of claim 20, the act of associating associates each of the one or more build entities with a corresponding representative level of trust, and the act of performing the build process at the level of trust that is the minimal level of trust of all the one or more build entities.

22. The method of claim 20, further comprising sending a message when the build process fails.

23. The method of claim 20, further comprising providing a level of trust that allows any operation to be performed during the act of performing.

24. The method of claim 20, further comprising providing a level of trust that allows only a minimal set of operations to be performed during the act of performing.

25. The method of claim 20, further comprising providing a level of trust that aborts the build process during the act of performing.

26. The method of claim 20, the act of associating associates one of the one or more build entities with at least two levels of trust.

27. The method of claim 20, further comprising providing a default set of associations between the one or more build entities and one or more levels of trust in the form of a file.

28. The method of claim 20, the level of trust is defined according to at least one of user-defined policy data and default policy data.

29. The method of claim 28, the user-defined policy data overrides the default data where a conflict occurs.

30. The method of claim 20, further comprising storing the association of the build entity with the level of trust in the form of a file to which access is restricted.

31. The method of claim 20, further comprising storing the association of the build entity with the level of trust in the form of a file that further relates the use of system resources with the level of trust.

32. A system that facilitates control of a build process, comprising:
means for providing an association between at least one of one or more build entities and a level of trust; and
means for performing the build process at the level of trust.

33. The system of claim 32, further comprising means for storing the association in the format of a file.

34. The system of claim 32, further comprising means for applying the association against new build entities before the build process completes.

35. The system of claim 32, further comprising means for automatically associating a level of trust with a new build entity.

MS303877.01

36. The system of claim 32, the means for performing is performed at a lowest level of trust of all the one or more build entities used during the build process.